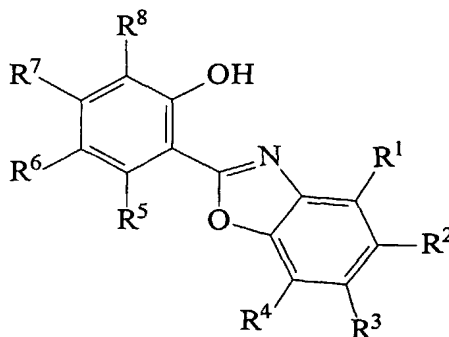


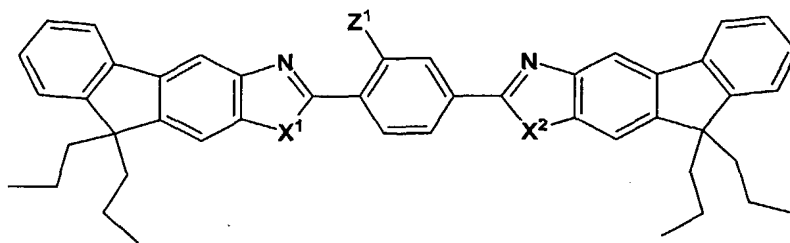
WHAT IS CLAIMED IS:

1. A compound of the formula X-Y-Z; wherein
 Y is an aromatic cyclic structure substituted at least once with
 5 OH and optionally substituted with SH, H, C₁₋₂₂ alkyl, C₂₋₂₂ alkene,
 C₂₋₂₂ alkyne, primary, secondary or tertiary amine, amino, nitro,
 nitroso, halogen; and
 at least one of X and Z are a carbon-containing ring structure
 that may also contain at least one of oxygen, nitrogen and sulfur.
- 10 2. The compound of claim 1, wherein X and Z are independently
 selected from H, nitro, nitroso, cyano, halogen, C₁₋₂₂ alkyl, C₁₋₂₂ alkoxy, -C(O)R⁹
 wherein R⁹ is C₁₋₈ alkyl, -O-C-O-R⁹ wherein R⁹ is C₁₋₈ alkyl, -COOR¹⁰ wherein R¹⁰
 is H or C₁₋₈ alkyl, -C(O)NR¹⁰ wherein R¹⁰ is H or C₁₋₈ alkyl, a primary, secondary or
 tertiary amine, substituted or unsubstituted carbocyclic ring, a substituted or
 15 unsubstituted aryl ring, a substituted or unsubstituted heteroaryl ring, a substituted
 or unsubstituted benzannulated carbocyclic ring, a substituted or unsubstituted
 benzannulated heterocyclic ring, a substituted or unsubstituted arylannulated
 carbocyclic ring or a substituted or unsubstituted arylannulated heterocyclic ring.
- 20 3. The compound of claim 1, wherein the compound is a 2-
 hydroxyphenyl(benzoxazol-2-yl) of the formula:



5 wherein R^1 , R^2 , R^3 and R^4 are independently selected from
H, alkyl (C_1-C_8), alkoxy (C_1-C_8), acyl ($-C(O)R$; R = alkyl C_1-C_8),
acetoxo ($-OC(O)R$; R = alkyl C_1-C_8), carboxylic acid and esters ($-$
 CO_2R = H or alkyl of C_1-C_8), amine (NR_2 ; R = H or alkyl C_1-C_8),
nitro, nitroso, cyano, halogen, substituted aryl, unsubstituted aryl,
substituted heteroaryl, unsubstituted heteroaryl, amide, or wherein
10 R^1 and R^2 or R^2 and R^3 or R^3 and R^4 together form a
carbocyclic ring, substituted or unsubstituted and fused carbocyclic
ring, substituted or unsubstituted benzannulated carbocyclic and
substituted or unsubstituted arylannulated carbocyclic; and R^5 , R^6 ,
 R^7 and R^8 = H, alkyl (C_1-C_8), alkoxy (C_1-C_8), acyl ($-C(O)R$; R =
15 alkyl C_1-C_8), acetoxo ($-OC(O)R$; R = alkyl C_1-C_8), carboxylic acid
and esters ($-CO_2R$ = H or alkyl of C_1-C_8), amine (NR_2 ; R = H or
alkyl C_1-C_8), nitro, nitroso, cyano, halogen (Cl, Br, I or F),
substituted or unsubstituted aryl, substituted or unsubstituted
heteroaryl, amide ($-C(O)NR_2$ R = H or alkyl C_1-C_8), substituted or
20 unsubstituted heterocyclic, substituted or unsubstituted
benzannulated heterocyclic and substituted or unsubstituted
arylannulated heterocyclic; or
 R^5 and R^6 or R^6 and R^7 or R^7 and R^8 together form a
carbocyclic ring, substituted or unsubstituted benzannulated
25 carbocyclic and substituted or unsubstituted arylannulated
carbocyclic.

4. The compound of claim 3, wherein the compound has the formula:



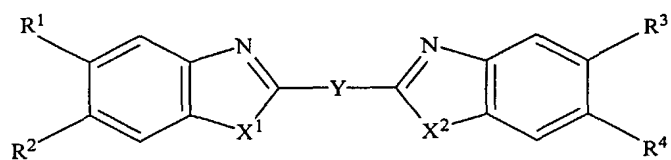
wherein X^1 and X^2 are independently O, N or S; and
 Z^1 is OH, SH, a primary amine, or a secondary amine.

5 5. The compound of claim 3, further defined as 1,4-Bis(9,9-dipropyl -
 9H-fluoreno[3,2-d]oxazol-2-yl)-2-hydroxyphenyl.

6. The compound of claim 3, further defined as 2,7-Bis(5-
 methylbenzoxazol-2-yl)-9,9-dipropyl-3-hydroxyfluorene

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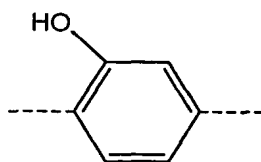
7. The compound of claim 1, wherein the compound is of the formula:



wherein:

X^1 and X^2 are independently selected from N, S or O;

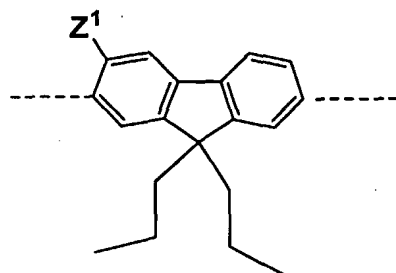
Y is



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or

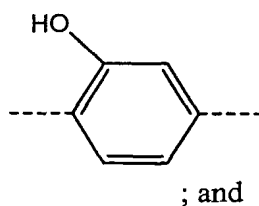
R^1 , R^2 , R^3 and R^4 are independently a substituted or unsubstituted, straight or branched C1-C22 alkyl, C1-C22 alkene,



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C1-C22 alkynyl, or

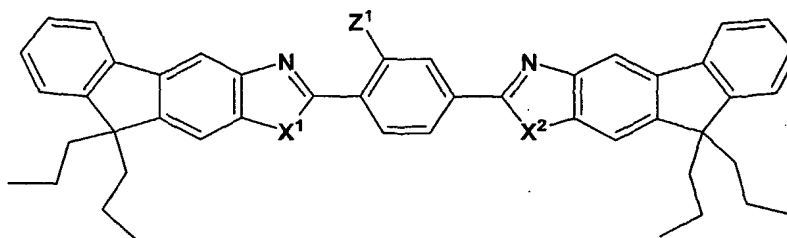
wherein R^1 and R^2 together or R^3 and R^4 form an aromatic or nonaromatic 1 to 3 ring cyclic structure; and



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at least one of the pairs R^1 and R^2 or R^3 and R^4 form an aromatic or nonaromatic 1 to 3 ring cyclic moiety.

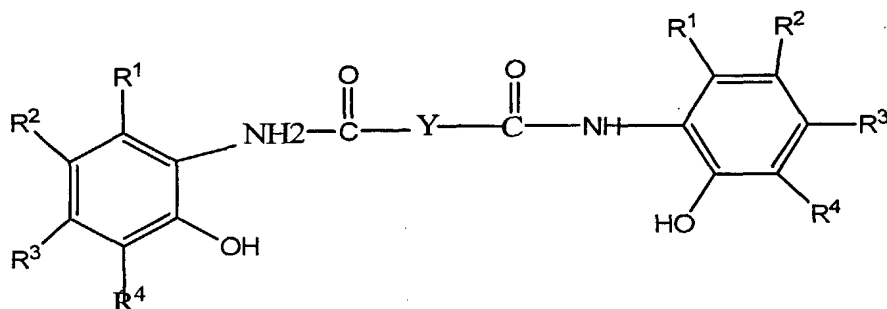
8. The compound of claim 6, wherein the compound has the formula:



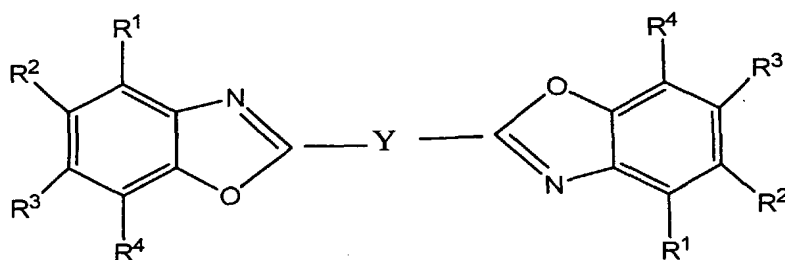
wherein X^1 and X^2 are independently O, N or S; and
 Z^1 is OH, SH, a primary amine, or a secondary amine.

- 5 9. The compound of claim 8, wherein Z^1 is OH, SH or NH_2 .
10. The compound of claim 6, further defined as 1,4-Bis(9,9-dipropyl -
9H-fluoreno[3,2-d]oxazol-2-yl)-2-hydroxyphenyl.
- 10 11. The compound of claim 6, further defined as 2,7-Bis(5-
methylbenzoxazol-2-yl)-9,9-dipropyl-3-hydroxyfluorene.
12. A polymer blend comprising a polymeric material and the compound
of claim 1.
- 15 13. The polymer blend of claim 12, wherein said polymeric compound is
polycarbonate.
14. The polymer blend of claim 12, wherein the polymeric material is
CR39.
- 20 15. A method for manufacturing an optical lens comprising molding a
polymer blend of claim 12 into a desired shape to produce an optical lens.
16. The method of claim 15, wherein said molding step is injection
25 molding.

17. A method comprising the steps of preparing an intermediate compound of Formula 6



and reacting the formula under suitable conditions and with suitable reagents
5 to form a compound of the formula



Formula 7

wherein

Y is an aromatic or nonaromatic cyclic structure optionally
10 substituted at least once with OH, SH, H, C₁₋₂₂ alkyl, C₂₋₂₂ alkene, C₂₋₂₂ alkyne, primary, secondary or tertiary amine, amino, nitro, nitroso, halogen; and

R¹, R², R³ and R⁴ are independently selected from H, alkyl
(C₁-C₈), alkoxy (C₁-C₈), acyl (-C(O)R; R = alkyl C₁-C₈), acetoxy (-
15 OC(O)R; R = alkyl C₁-C₈), carboxylic acid and esters (-CO₂R = H or
alkyl of C₁-C₈), amine (NR₂; R = H or alkyl C₁-C₈), nitro, nitroso,
cyano, halogen (Cl, Br, I or F), substituted or unsubstituted aryl,

substituted or unsubstituted heteroaryl, amide (-C(O)NR₂ R = H or alkyl C₁-C₈), or wherein

5 R¹ and R² or R² and R³ or R³ and R⁴ together form a carbocyclic ring, substituted or unsubstituted and fused carbocyclic ring, substituted or unsubstituted benzannulated carbocyclic and substituted or unsubstituted arylannulated carbocyclic; and R⁵, R⁶, R⁷ and R⁸ = H, alkyl (C₁-C₈), alkoxy (C₁-C₈), acyl (-C(O)R; R = alkyl C₁-C₈), acetoxy (-OC(O)R; R = alkyl C₁-C₈), carboxylic acid and esters (-CO₂R = H or alkyl of C₁-C₈), amine (NR₂; R = H or
10 alkyl C₁-C₈), nitro, nitroso, cyano, halogen (Cl, Br, I or F), substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, amide (-C(O)NR₂ R = H or alkyl C₁-C₈), substituted or unsubstituted heterocyclic, substituted or unsubstituted benzannulatedheterocyclic and substituted or unsubstituted
15 arylannulated heterocyclic.